

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 02 Dec 2023 until 23:59 on Sunday 03 Dec 2023

Forecast Issued on Friday 01 Dec 2023 at 16:28

Confidence: High for cold through the weekend but lower for cloud details and much lower for details from Monday, due to continuing uncertainty over movement of a low, currently expected to move east along the English Channel, and the eventual change to milder conditions.

Headline for Saturday 02 Dec 2023: Mainly dry with good sunny spells. Light winds

Mountain weather hazards on Saturday 02 Dec 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Clear night	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	10%	20%	20%	10%

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear through the early hours with a widespread frost and low level freezing fog patches. Then a bright day with, especially in the east, long sunny spells with freezing fog patches slowly clearing, however western hills will become cloudier later in the morning, bringing a risk of the odd light snow shower in the afternoon and early evening.

Chance of cloud-free hill tops above 600m: Close to 100% at first and in the east, but becoming 75% in the west.

Low Cloud and visibility: Little or no cloud below the summits at first, and more generally across eastern hills, but occasional cloud developing above about 600m across western hills later in the morning. Away from cloud visibility very good with, especially eastern hills, some decent panoramic views of surrounding hills, falling to around a kilometre in snow showers and just a few hundred metres in any low level freezing fog.

Forecast for Saturday 02 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 S	5/8 S	6/9 S	7/11 S	9/13 S	9/13 S	8/13 S	8/13 S	7/11 S
300	1/4 SE	3/5 S	2/5 S	2/7 SE	4/7 S	3/8 SE	3/9 SE	3/8 SE	3/8 SE
Valley	2/4 E	2/4 E	2/4 E	3/5 E	2/5 S	2/6 SW	3/5 SE	3/6 SE	3/6 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-5	-3/-6	-3/-7	-2/-7	-2/-6	-2/-6	-2/-7	-2/-7	-2/-6
300	-4/-6	-4/-6	-5/-7	-3/-5	1/-2	-0/-2	-2/-4	-1/-3	-1/-3
Valley	-4/-6	-4/-6	-4/-6	-2/-4	2/0	1/-1	-0/-2	-0/-2	-0/-2
Freezing Level*	00m	00m	00m	00m	100m	100m	00m	00m	00m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures around minus 6 Celsius at dawn. Cold at all levels despite light winds and sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 01 Dec 2023	1mm	1.4mm	1.4mm

Forecast for Sunday 03 Dec 2023

Weather: Dry with long clear spells overnight with a widespread frost and patchy low level freezing fog. Then a dry and bright day with some sunny spells. Increasing risk of a light snow shower in the evening, especially for eastern hills.

Maximum wind: Easterly or southeasterly around 10mph, increasing a little through the evening.

Chance of cloud-free hill tops above 600m: Around 75%

Low Cloud and visibility: Occasional cloud above 600-750m. Away from cloud visibility mostly very good, but just a few hundred metres in any freezing fog.

Temperature: **Valleys:** Around minus 4 or 5 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: Less than 300m.